

FIG. 2

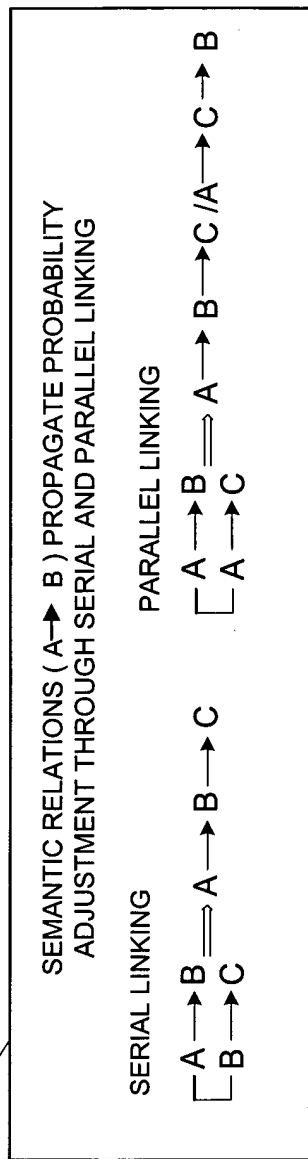
110

SEMANTIC AND SYNTACTIC KNOWLEDGE

SEMANTIC (CONCEPTUAL) RELATIONSHIP DATA		SYNTACTIC RULES
0.8	give me → weather	PHRASE → V2 pron N
...
0.9	weather → in CITY	PHRASE → prep N
0.8	weather → on DAY	PHRASE → prep IND N
0.6	waiter → FOOD	...
		...

FIG. 3

120



PROBABILITY PROPAGATION

FIG. 4

FIG. 5

36



		WORDS			
		REFILL-INK	OUTDOOR	OFFENSE	OUTPUT
DOMAINS	ENTERTAINMENT	L	H	L	L
	COMPUTER PRINTERS	H	L	L	H
	LAW	L	L	H	L
	WEATHER	L	H	L	L



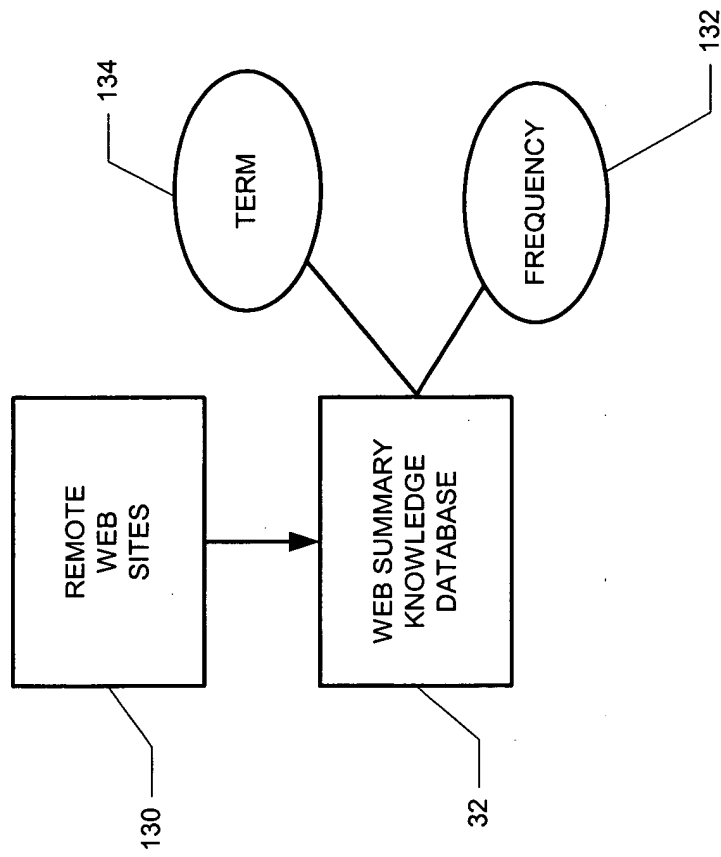
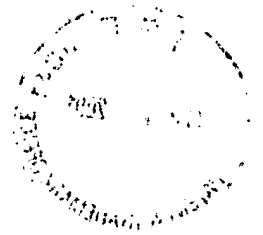


FIG. 6



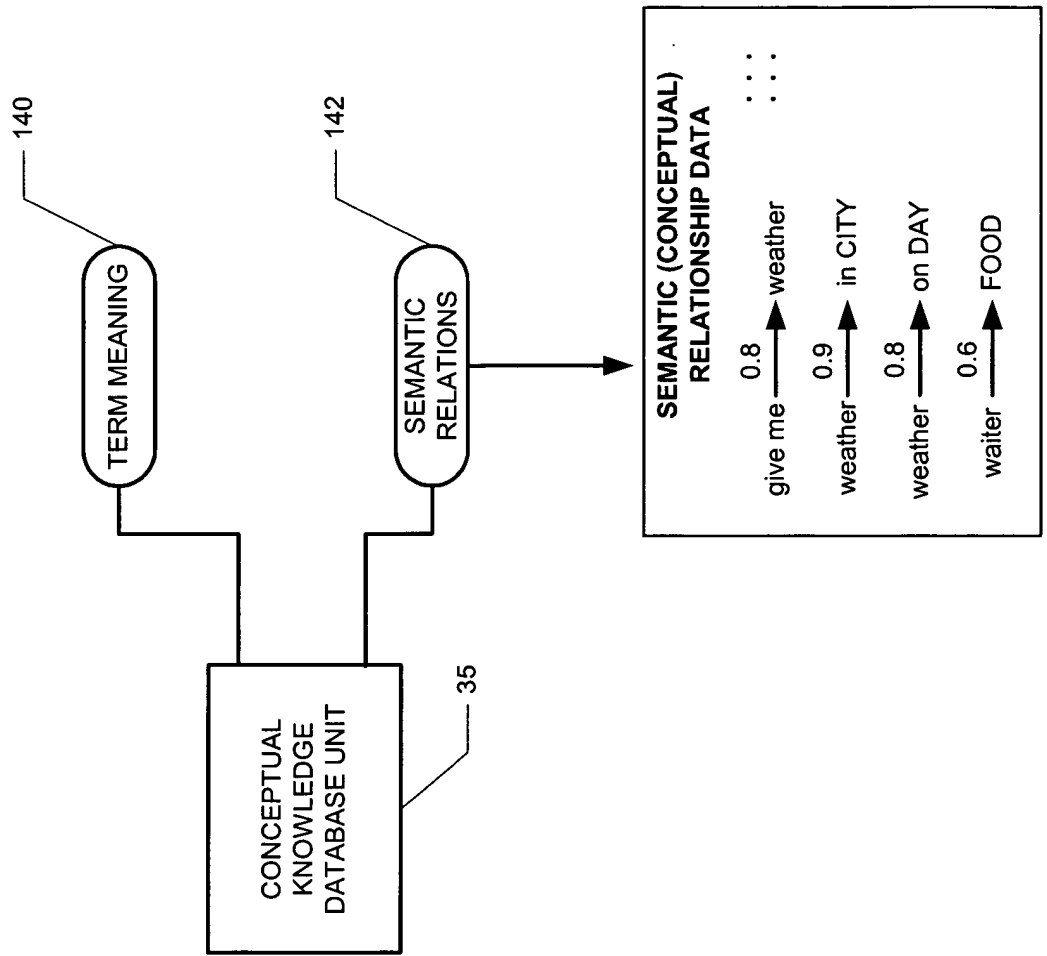


FIG. 7

104260* 54049860

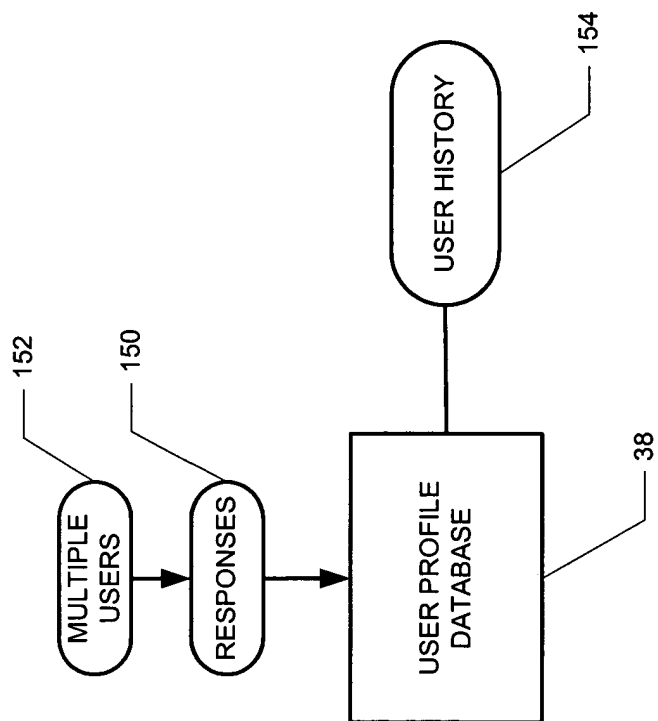


FIG. 8

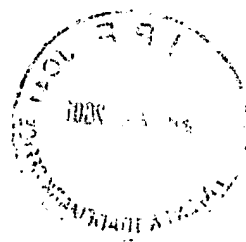


FIG. 9 is a block diagram of a system for determining a degree of similarity between two terms.

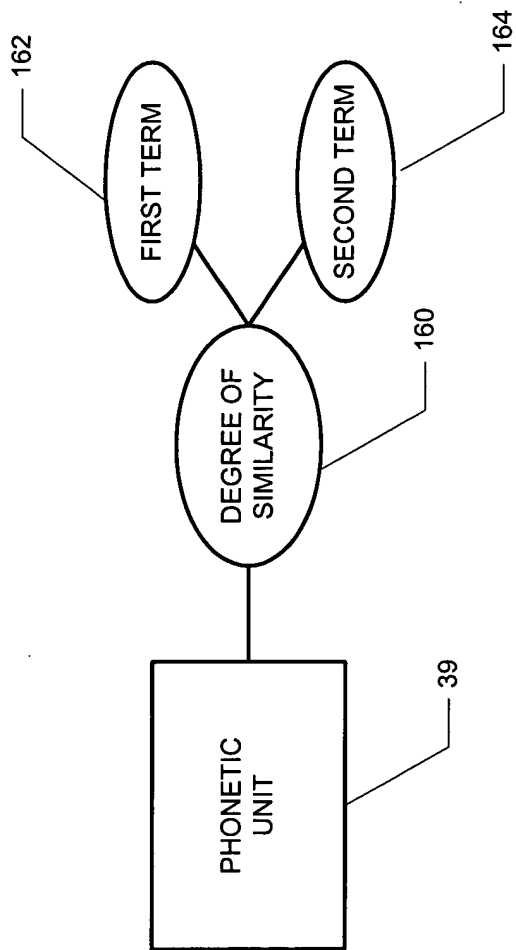


FIG. 9